

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XTN

(Call Sign)

XT MO

(Class of Station)

0914-EX-ST-2020

(File Number)

NAME CACI

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

A prototype existing in the 1755 - 1780 (AWS-3) & corresponding LTE downlink band 66 channels 2155 - 2180 and band 3 1850 - 1875 is to be tested.

Station Locations

- (1) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43
- (2) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43
- (3) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43
- (4) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43
- (5) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43
- (6) MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43

Frequency Information

MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1875 MHz	MO	5M00W7W 10M0W7W	6 W (ERP)	0.0001 %
2155-2180 MHz	MO	5M00W7W	6 W (ERP)	0.0001 %

This authorization effective July 16, 2020 and
will expire 3:00 A.M. EST October 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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MOBILE: Property limits, within 0.5 km, centered around NL 41-00-18; WL 74-49-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M25D7D 2M50D7D 5M00D7D 1M25D7D 1M25WXN	6 W (ERP)	0.0005 %
1755-1850 MHz	MO	2M50W7W 5M00W7W 10M0W7W	0.3 W (ERP)	0.00002 %
1755-1850 MHz	MO	1M25D7W 1M25W7D	10 W (ERP)	0.0005 %

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Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) CACI shall secure consents from the Advance Wireless Service licensees prior to accessing to 1755-1780 MHz and 2155-2180 MHz bands.
- (4) Prior to commencing any operations in the frequencies below, CACI shall obtain consent from the following within 50 miles of the contours of the testing area:
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)